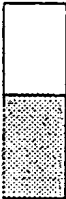
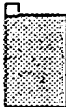
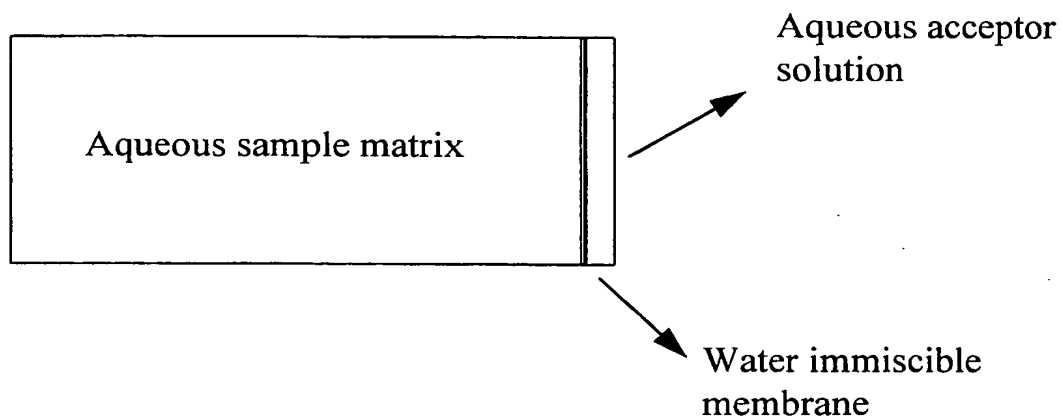


LLE	1 ml extract		Amounts of analyte at equilibrium	Concentration of analyte at equilibrium
	1 ml sample		0.990 μg	0.99 $\mu\text{g/ml}$
LLME	10 μl extract		Amounts of analyte at equilibrium	Concentration of analyte at equilibrium
	1 ml sample		0.0099 μg	0.0099 $\mu\text{g/ml}$
			0.5 μg	50 $\mu\text{g/ml}$
			0.5 μg	0.5 $\mu\text{g/ml}$

Comparison of LLE and LLME

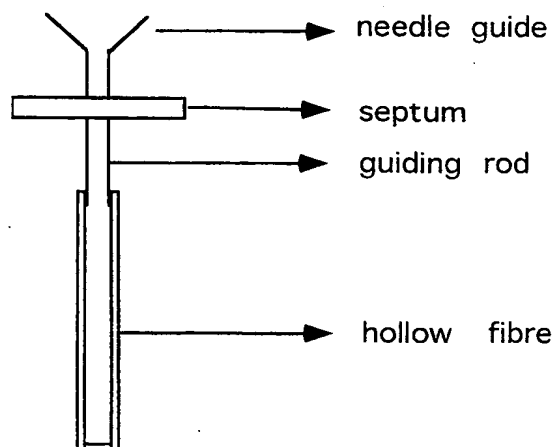
Fig. 1



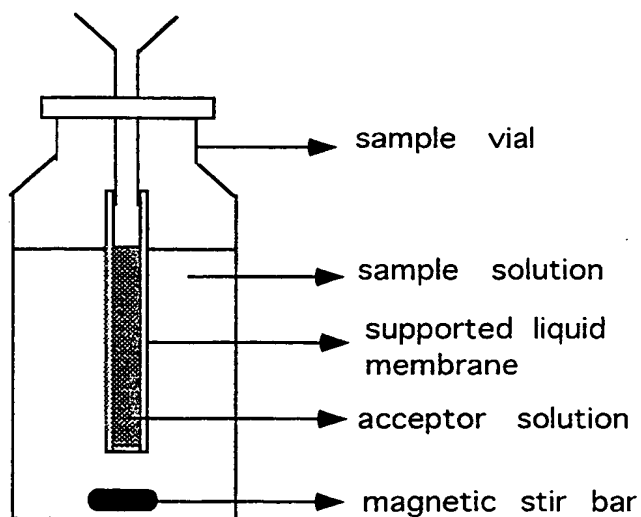
Principle of liquid-liquid micro extraction

Fig.2

A

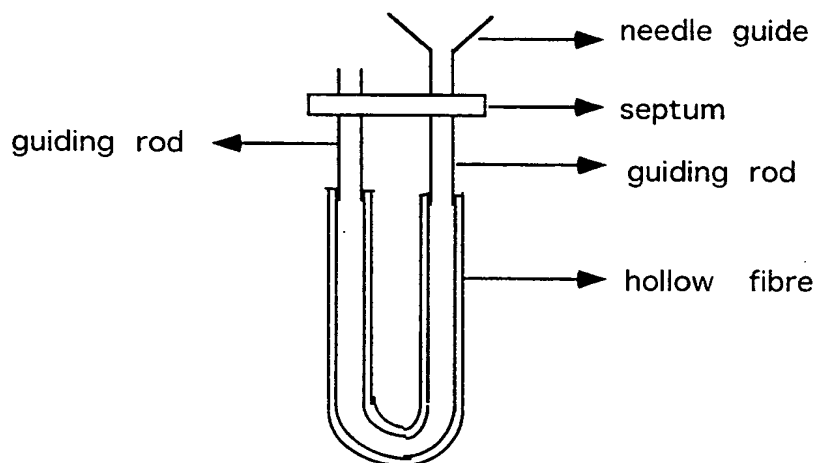
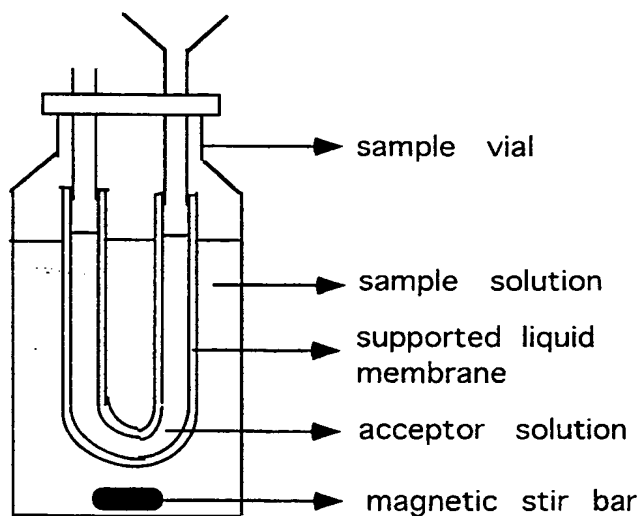


B



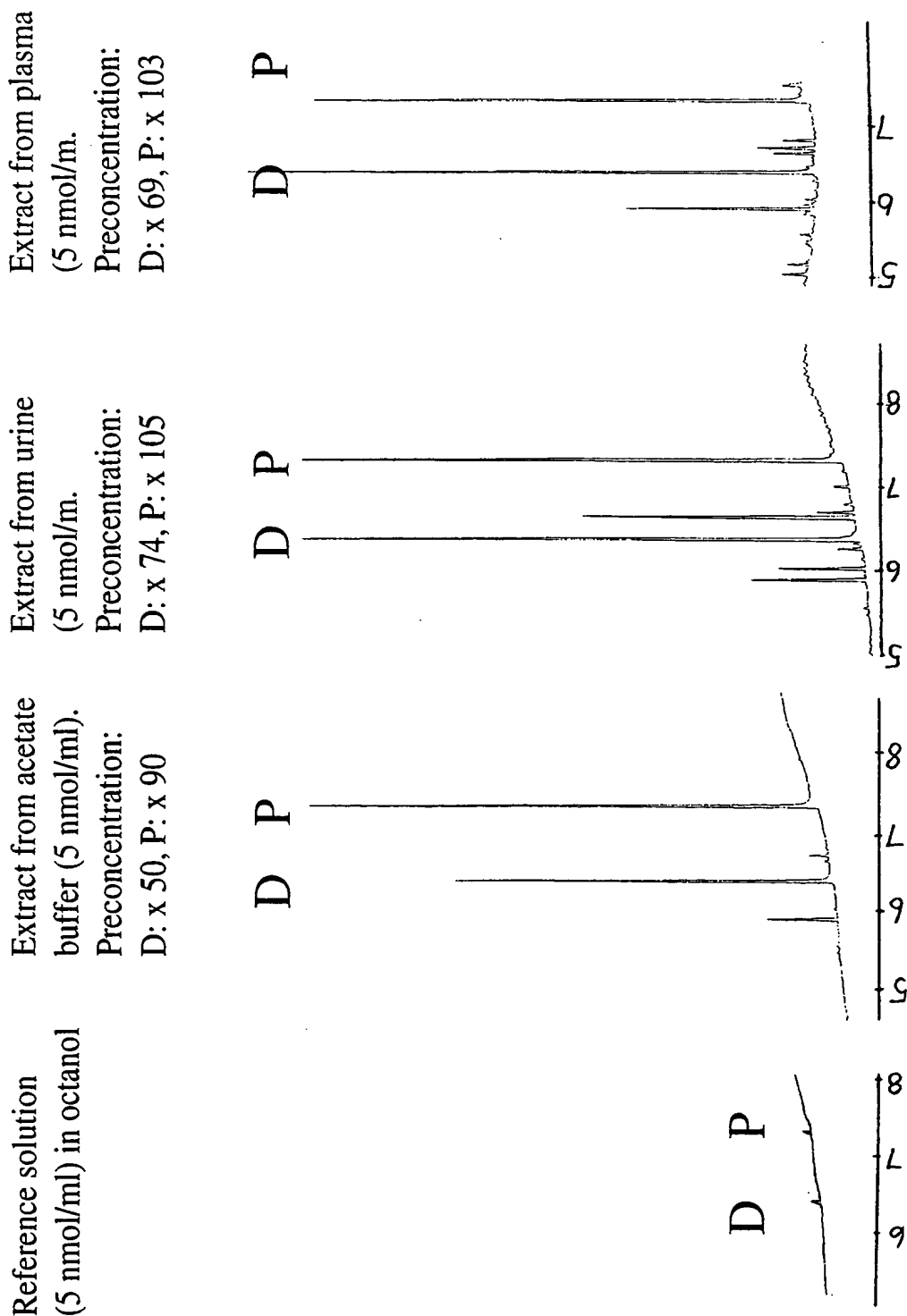
Disposable device for LLMBE (a) and disposable device connected to an autosampler vial (b)

Fig. 3

A**B**

Disposable device for LLMBE (a) and disposable device connected to an autosampler vial (b)

Fig.4



Chromatograms of the reference solution in octanol and extracts from acetate buffer, urine and plasma

Fig. 5

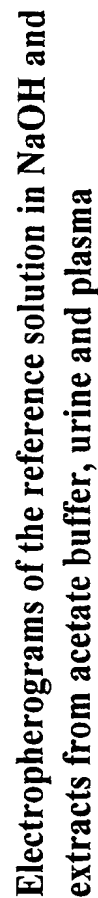


Fig. 6